



1967

ANNUAL REPORT
ON THE HEALTH
OF THE
COWES URBAN DISTRICT

BY

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Acting Medical Officer of Health



COUNTY HALL,
NEWPORT, I.W.

To the Members of the Cowes Urban District Council :

MR. CHAIRMAN AND COUNCILLORS

I have the honour to submit the Annual Report on the health of the district for 1967.

The Birth Rate fell from 15.8 to 13.8. Out of the 246 births, 19 were illegitimate.

The Death Rate fell from 15.3 to 12.6.

The Infant Mortality Rate fell from 14.2 to 8.1.

There were five deaths from suicide, four of which were attributed to an overdose of sleeping pills.

No cases of food poisoning, diphtheria or poliomyelitis were notified. There was one death from tuberculosis.

Water Supplies

The water supplies have been satisfactory in quality and quantity. The results of bacteriological examination were :-

Satisfactory	Suspicious	Unsatisfactory
64	Nil	1

It is probable that the unsatisfactory sample was caused by a sampling error as subsequent check samples all produced satisfactory results.

The water is hard and not liable to be plumbo-solvent.

No contamination occurred.

Sewerage

The town continued to discharge crude sewage into the Solent and River Medina. While there is no evidence that the discharge of sewage into the open sea is harmful to health, I doubt if the waters around Cowes could be regarded as open sea in this context. As was stated in last year's report, the answer to this problem must be found and the longer the delay the more expensive will a suitable scheme become.

Offensive Smells

During the summer months, Cowes suffered for brief periods from offensive smells. One source was the seashore in East Cowes - probably decaying seaweed, and the other source was a farming area in West Cowes concerned with pigs and poultry.

These smells were not in any way a direct cause of illness and did not, as a few people thought, cause sore throats.

If, however, these odours prevented people from keeping their windows open and from enjoying the normal use of their gardens, they could have had an adverse affect on health. There was no effective action that the Council could have taken regarding the farm smells but the Council was naturally concerned with the state of the beaches. How to relieve East Cowes from this unpleasant experience during hot weather is still unsolved.

Noise

The amount of noise we have to endure increases from year to year. Apart from the noise of road traffic, there was an increase in noise, from hovercraft, helicopters, power boats, transistor radios and a new type of fog horn. This increase will no doubt continue - in the name of progress.

Refuse Disposal

The disposal of refuse from the district, on an open tip, continued to be a matter of concern. This method of disposal encourages flies, rats, and other vermin. As the tip is invariably on fire there is also a nuisance from smoke. I am glad to record that this Council is now considering a more modern method of disposal.

Milk

A number of families in the district continued to take unpasteurised milk. This raw or "farm" milk as it is called, is supposed to taste better but I doubt if many people could tell the difference between raw and pasteurised milk. Furthermore, those who drink unpasteurised milk take an unnecessary risk.

Health of Schoolchildren

During the year, in my capacity of School Medical Officer, I examined many of the schoolchildren in the district and, in the vast majority, the standard of fitness was high. There were, however, too many children who were overweight and in many instances this was due to lack of exercise associated with far too much time being devoted to the television.

Casualty Services

During the year there was concern regarding the closure of the casualty department at St. Mary's Hospital at weekends. This particularly affected the people of West Cowes. Fortunately the staff situation improved and weekend casualty services were resumed. It is not easy to find doctors for this type of work and it needs mentioning that the public should not impose upon them by expecting them to provide an alternative service to that provided by the family doctors. The Casualty Department is meant only for accidents and other similar emergencies.

Acknowledgment

As this was the last full year in office of your Senior Public Health Inspector, Mr. P.G. Woods, I should like to place on record the sincere gratitude of the Medical Officer of Health to Mr. Woods for his loyalty and co-operation throughout his service. Nothing has ever been too much trouble for him and he will long be remembered for his enthusiasm and conscientiousness. He was extremely well supported by his Assistant Mr. Sullivan, and during the various occasions I have acted as your Medical Officer of Health I have been extremely grateful to both of them for their loyalty and support.

Dr. John Mills

During the year under review Dr. John Mills was your Medical Officer of Health, and the sad news of his death earlier this year came as a shock to all of us, especially those concerned with Public Health. He will be remembered for his kindness and great sense of humour. Those of us who worked with him will also remember him for his wide knowledge of medical and health matters and his ability to apply this knowledge effectively. This district has indeed been fortunate in having, during the last twenty years, a Medical Officer of Health of such outstanding ability.

Yours sincerely,

Douglas Quadratull

Acting Medical Officer of Health

PUBLIC HEALTH OFFICERS

Medical Officer of Health:-

JOHN MILLS, M.D., Ch.B., M.R.C.S.(Eng.), L.R.C.P.(Lond.), D.P.H.

Senior Public Health Inspector:-

P.G. WOODS, M.R.S.H., M.A.P.H.I.

Additional Public Health Inspector:-

D.J. SULLIVAN, M.R.S.H., M.A.P.H.I.

Clerk:-

MRS. P.M. WHYTE

Rodent Operative:-

C.A.F. MORRIS

GENERAL STATISTICS

Area in acres	...	...	...	...	5,542
No. of inhabited houses (end of 1967) per rate books			...	...	6,184
Rateable value as at 1.4.67.	...	...	...	...	£648,453
Sum represented by 1d. rate (1966-67)			...	...	£2,549

SOCIAL CONDITIONS

These are unchanged since the last report.

EXTRACTS FROM VITAL STATISTICS

Population (Registrar General's Figures)	...	...	17,820
Live birth rate per 1,000 of estimated resident population			13.8
Comparative factor (births)	...	...	1.19
Comparative Birth Rate	...	...	16.4
Stillbirth rate per 1,000 total (live and still) births	...	...	8.0
Crude death rate per 1,000 of the estimated resident population			12.6
Comparative factor (deaths)	...	...	0.87
Comparative death rate	...	...	10.9
Maternal mortality rate per 1,000 total (live and still births)		...	Nil
Infantile Mortality:-			
All infants per 1,000 live births	...	...	8.1
Legitimate infants per 1,000 legitimate births	...	...	8.8
Illegitimate infants per 1,000 illegitimate births			Nil
Deaths from Cancer (all ages)	...	...	.32
Deaths from Measles (all ages)	...	...	Nil
Deaths from Whooping Cough (all ages)	...	...	Nil

BIRTHS

The total number of live births was 246, of which 227 were legitimate and 19 illegitimate. The live birth rate was 13.8 per 1,000 living: the birth rate for England and Wales being 17.2.

INFANTILE MORTALITY

The Infantile Mortality rate was 8.1 per 1,000 registered live births, the rate of England and Wales being 18.3.

DEATHS

The number of deaths was 225 giving a death rate of 12.6 per 1,000 of the estimated resident population. The corresponding rate for England and Wales was 11.2.

<u>CAUSES OF DEATH</u>			<u>MALE</u>	<u>FEMALE</u>
Tuberculosis, respiratory	...	...	-	1
Tuberculosis, other	...	...	-	-
Syphilitic disease	...	...	1	-
Diphtheria	...	...	-	-
Whooping Cough	...	...	-	-
Meningococcal infections	...	...	-	-
Acute Poliomyelitis	...	...	-	-
Measles	...	...	-	-
Other infective and parasitic diseases	...	...	-	-
Malignant neoplasm, stomach	...	...	1	-
Malignant neoplasm, lung, bronchus	...	...	6	1
Malignant neoplasm, breast	...	...	-	2
Malignant neoplasm, uterus	...	...	-	-
Other malignant and lymphatic neoplasms	...	...	10	12
Leukaemia, aleukaemia	...	...	-	-
Diabetes	...	...	2	2
Vascular lesions of nervous system	...	...	17	19
Coronary disease, angina	...	...	27	15
Hypertension with heart disease	...	...	5	2
Other heart disease	...	...	16	31
Other circulatory disease	...	...	6	2
Influenza	...	...	-	-
Pneumonia	...	...	2	3
Bronchitis	...	...	9	7
Other diseases of respiratory system	...	...	-	-
Ulcer of stomach and duodenum	...	...	1	1
Gastritis, enteritis and diarrhoea	...	...	-	-
Nephritis and nephrosis	...	...	-	-
Hyperplasia of prostate	...	...	3	-
Pregnancy, childbirth, abortion	...	...	-	-
Congenital malformations	...	...	-	-
Other defined and ill-defined diseases	...	...	6	6
Motor vehicle accidents	...	...	-	-
All other accidents	...	...	-	4
Suicide	...	...	1	4
Other violent causes	...	...	-	-
ALL CAUSES	113	112

NOTIFICATIONS OF INFECTIOUS DISEASES RECEIVED DURING THE YEAR 1967

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AGE PERIODS	TUBERCULOSIS											
	New Cases		Deaths		Non-Pulmonary		Pulmonary		Non-Pulmonary		Pulmonary	
	M	F	M	F	M	F	M	F	M	F	M	F
Under 1 year	-	-	-	-	-	-	-	-	-	-	-	-
1 and under 2	-	-	3	-	-	-	-	-	-	-	-	-
2 " " 3	-	-	4	-	-	-	-	-	-	-	-	-
3 " " 4	-	-	5	-	-	-	-	-	-	-	-	-
4 " " 5	-	-	10	-	-	-	-	-	-	-	-	-
5 " " 10	-	-	15	-	-	-	-	-	-	-	-	-
10 " " 20	-	-	25	-	-	-	-	-	-	-	-	-
20 " " 35	-	-	35	-	-	-	-	-	-	-	-	-
35 " " 45	-	-	55	-	-	-	-	-	-	-	-	-
45 " " 55	-	-	65	-	-	-	-	-	-	-	-	-
55 " " 75	-	-	75	-	-	-	-	-	-	-	-	-
75 years and over	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	1	-	-	-	4	121	-	-	-	1

SANITARY CIRCUMSTANCES OF THE URBAN DISTRICT

For the sixth successive year the qualified Inspector staff remained unchanged.

The year saw the final rehousing of all families remaining in properties previously condemned for Slum Clearance, allowing limited progress on the current five year programme, together with some Individual Unfit Houses discovered in the course of routine work.

It was not found necessary to resort to legal proceedings in any instance during the year.

PUBLIC HEALTH INSPECTIONS IN THE AREA

These totals represent all inspections and other visits carried out by the Public Health Inspectors.

Number of dwelling houses inspected (first inspection)	...	...	...	...	1,122
Number of dwelling houses inspected (Re-inspection)	...	...	...	...	1,131
Other inspections (first inspection)			...	...	949
Other inspections (re-inspection)			...	...	1,035
Ineffectual visits	...	...	...	...	473
				TOTAL	4,710

NOTICES SERVED

	<u>Informal</u>	<u>Formal</u>
Public Health Acts	86	1
Housing Act, 1957 (Section 9)	1	2
Housing Act, 1964 (Section 19)	-	1
Food Hygiene Regulations, 1960 made under Food and Drugs Act, 1955	18	-
Factories Act, 1961	5	-
Clean Air Act, 1956	4	-
Offices, Shops and Railway Premises Act, 1963	-	2
Caravan Sites and Control of Development Act, 1960	8	-
Prevention of Damage by Pests Act, 1949	2	-
Notices complied with	104	6

LETTERS RE:

Housing Management	...	...	...	51
Improvement Grants	...	...	...	38

DETAILS AND NUMBER OF INSPECTIONS

PUBLIC HEALTH ACTS

Houses inspected for nuisances	...	...	...	1,136
Verminous premises	...	...	...	8
Other insects	...	...	...	15
Ponds, ditches and watercourses	...	...	...	8
Tents, vans, sheds, caravans	...	...	...	315
Animals, pigs, poultry	...	...	...	30
Dustbins	...	...	...	10
Accumulation of refuse	...	...	...	55
Drainage tested and inspected	...	...	...	228
Yards, passages, car parks	...	...	...	28

INFECTIOUS DISEASES

Enquiries and collections	...	...	...	17
Food poisoning	...	...	...	-

FOOD AND DRUGS ACTS AND FOOD HYGIENE REGULATIONS

Cafes and Restaurants	...	...	...	219
Butchers shops	...	...	...	121
Fish shops	...	...	...	16
Fried fish shops	...	...	...	24
Greengrocers	...	...	...	18
Grocers	...	...	...	47
Bakehouses	...	...	...	19
Licensed premises	...	...	...	43
Wholesale meat premises	...	...	...	24
Ice-cream shops, premises and vehicles	...	...	...	45
Cooked meat shops	...	...	...	3
Other food premises	...	...	...	5
Unsound food	...	...	...	42

SAMPLING

Ice-cream sampling	...	...	...	40
Water sampling	...	...	...	30

HOUSING ACTS

1964 - Section 19 Inspections	...	...	...	7
1957 - Section 9 Inspections	...	...	...	-
1957 - Section 16 Inspections	...	...	...	10
Overcrowding	...	...	...	1
Inspections re Clearance Areas	...	...	...	13

FACTORIES ACT

Inspections and enquiries (Mechanical power)	...	43
Inspections and enquiries (Non-mechanical power)	...	-

CLEAN AIR ACT

Observations and visits	39
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SHOPS ACT

Inspections and enquiries	63
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COUNCIL HOUSES

Inspections	202
Housing applicants	176
Housing enquiries	115
Conditions of tenancy	...	...	147

MISCELLANEOUS

Holiday Camps, etc.	...	...	12
Public Conveniences	...	...	6
Rodent control	...	...	17
Visits to owners or builders	...	...	388
Bathing establishments	...	...	42
Searches (Land Registry)	...	...	14
Ineffectual visits	...	...	468
Improvement Grants	...	...	210
Pet Animals Act	...	...	1
Food Complaints	...	...	8
Fairs	...	...	1
Rent Act (including Certificates of Disrepair)			6
Heating appliances Regulations	...	...	2
Hairdressers Premises	...	...	19
Offices, Shops and Railway Premises Act	...	...	103
Noise Abatement Act	...	...	14
Farms	...	...	9
Markets, Stalls and Delivery Vehicles Regulations			3
Scrap Metal Dealers	...	...	2
Beaches	...	...	4

TOTAL: 4710

SANITARY CIRCUMSTANCES

The Public Health Inspectors continued their general duties of investigating complaints, securing the abatement of statutory nuisances and dealing with contraventions of the Public Health and other Acts. In this connection 776 complaints were received from members of the public.

Particulars of the various nuisances and defects remedied in properties totalling 294 are tabulated over:-

Doors, windows, frames, floors, sashcords repaired	29
Grates, flues, chimneys repaired	5
Gutters, roofs and rainwater pipes repaired	34
Defective and/or choked drains remedied	14
Water closets and flushing cisterns repaired or renewed	4
Accumulations of refuse removed	4
Wall and ceiling plasters repaired	5
Defective walls and pointing repaired	6
Dampness remedied	26
Septic tanks and cesspools emptied	153
Vermin eradicated	2
Decorations in food premises	12

RODENT CONTROL

471 complaints of infestation by rodents were made to the Public Health Department during the year and the following inspections and treatments were carried out :-

	Private Houses	Business Premises		Council Owned Premises		Agricultural Premises		Sewer Treatments	Hospitals and Schools
		C*	N/C*	D.H.*	O.P.*	C*	N/C*		
<u>Initial Visits:</u>									
Rats	504	116	127	64	72	34	23	52	13
Mice	68	62	23	21	5	1	-	-	11
Totals	572	178	150	85	77	35	23	52	24
<u>Re-visits:</u>									
Rats	1567	320	46	159	176	126	2	104	13
Mice	257	178	10	87	22	6	-	-	6
Totals	1824	498	56	246	198	132	2	104	19
Grand Totals:	2396	676	206	331	275	167	25	156	43

C* - Contract; N/C* - Non-Contract; D.H.* - Dwelling Houses; O.P.* - Other Premises.

684 minor rat infestations and 115 minor mice infestations were dealt with. There were no major infestations.

After treatment by poisoning with warfarin, the bodies of 393 rats and 76 mice were recovered and destroyed. No evidence of immunity against warfarin was apparent.

VERMIN AND INSECT CONTROL

No charge is made by this Authority for general disinfection services.

12 complaints of the presence of fleas in private houses were dealt with during the year and extermination of cockroaches and other beetles, woodlice, silverfish, ants, etc., totalled 106 cases.

57 wasp nests were destroyed by the staff of the Department and a proprietary form of Sodium-Cyanide powder was used for the purpose.

DRAINAGE

(a) General

228 inspections were made in connection with examination, testing and supervision of repairs and renewals of existing drainage.

(b) Public Sewers vested in the Local Authority

Section 24 of the Public Health Act, 1936, governs the procedure in connection with these combined drains and clearance of 19 stoppages in public sewers - draining 40 houses - was carried out at the expense of the Local Authority..

HOUSING

An abstract from the statement submitted to the Ministry of Housing and Local Government in the form of quarterly returns is summarised below :-

Housing Act, 1957

1. Houses demolished or closed

Demolished or closed as a result of formal or informal procedure :-

Closed	2
Demolished	7

2. Repairs

Unfit houses rendered fit and houses in which defects were remedied during the year as a result of informal action under the Housing and Public Health Acts

95

3. Public Health Acts. Formal Action

Houses in which defects were remedied :-

(a) By owners	1
(b) By Local Authorities in default of owners	Nil

4. Housing Act, 1957. Formal Action

Houses in which defects were remedied :-

(a) By owners	Nil
(b) By Local Authorities in default of owners	Nil

COUNCIL HOUSING

The practice of dividing the administration of this work between the Clerk's Department and the Public Health Department continues as in previous years.

640 visits and inspections were carried out in connection with all housing management matters delegated to the department. This figure included 202 inspections of houses to determine their condition of repair, overcrowding, decoration, observance of Conditions of Tenancy and whether the premises were maintained in a cleanly condition.

The Council's second block of flats for old people at Victoria Grove, East Cowes, was commenced during the year, and should be ready for occupation in the latter part of 1968.

The number of new houses built within the Urban District during the year was as follows :-

Local Authority	Nil
Housing Associations	Nil
Private Enterprise	90
TOTAL:	90

RENT ACT, 1957

No application was received for a Certificate of Disrepair during the year.

COMMON LODGING HOUSES

There are no registered Common Lodging Houses in this district.

IMPROVEMENT GRANTS

The Council again accepted applications for Discretionary Grants. Three applications were received during the year, two of which were refused, the other being approved for the maximum of £400 toward the cost of improvements.

57 applications were received for Standard Grants, one from the landlord of a tenanted house and 56 from Owner/Occupiers.

A break-down of the details of facilities provided during the year, not of the 57 newly approved applications, but of the work actually carried out as the result of 56 previous and current approvals, is appended:-

Amenities provided

The following payments were made during the year :-

Discretionary Grants paid:	Nil.	Total Cost:	Nil.
Standard Grants paid:	56.	Total Cost:	£6,738. 2s. 2d.

INSPECTION AND SUPERVISION OF FOOD PREMISES

The number of premises subject to the provisions of the Food Hygiene Regulations is appended, all of which, with the exception of Confectionary (sweets) shops where Regulation 19 is not applicable, are fitted to comply with Regulations 16 and 19 of the 1960 Regulations :-

Cafes, Restaurants, Kiosks, Canteens	34
Butchers shops	17
Fishmongers, poulters and fried fish shops	9
Greengrocers and fruiterers	17
Grocers	61
Bakehouses, bakers and confectioners	10
Cooked meat shops	5
Licensed premises	34
Meat storage depots	4
Hotels and clubs	18
Confectioners (sweets)	23

634 visits and inspections were made of these food premises.

The following items included in informal notices, indicate the defects and contraventions found as a result of the original inspections.

Number of notices served	18
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Defects and contraventions specified in notices :-

Artificial lighting	1
Hot water supplies installed	5
Decorations	12
Cleansing	2
New sinks installed	4
Dustbin provided	2
Water closets and/or flushing cisterns repaired or renewed	2
Accumulations of refuse removed	1
Wall and ceiling plasters repaired	5
Wash-hand basins installed	1

POULTRY INSPECTION

There is only one processing establishment in this area, which produces approximately 600 turkeys for the Christmas trade.

The birds are bought as "poults" in late August or early September.

Although the birds are killed - by neck-wringing - on the farm, all evisceration and dressing is done at one of the producer's local shops at which all facilities required by the Food Hygiene Regulations are available.

22 visits were made, to the farm during the development of the stock and to the shop during the time of being prepared for sale.

No birds were rejected as being unfit for human consumption at or after the time of slaughter.

UNSAFE FOOD

The amounts of various foods which were condemned as unfit for human consumption and voluntarily surrendered during the year under review are given below :-

Tins and jars of fish, fruit, vegetables, milk and cooked meats, to a total weight of:	9 cwt. 2 qrs. 0 st. 0 lbs. 6 ozs.
Sugar	5 cwt. 3 qrs. 0 st. 0 lbs. 0 ozs.
Coffee	8 lbs 4 ozs.
Biscuits	1 qr. 0 st. 11 lbs. 8 ozs.
Margarine	1 cwt. 1 qr. 0 st. 4 lbs. 0 ozs.
Butter	1 qr. 0 st. 0 lbs. 0 ozs.
Lard	2 qrs. 1 st. 2 lbs. 0 ozs.
Flour	1 st. 4 lbs. 0 ozs.
Cereals	2 qrs. 1 st. 8 lbs. 10 ozs.
Spreads	6 lbs. 0 ozs.
Salt	1 lb. 0 ozs.
Bread	2 qrs. 0 st. 8 lbs. 12 ozs.
Fish	1 cwt. 0 qrs. 0 st. 0 lbs. 0 ozs.
Bacon	1 cwt. 0 qrs. 1 st. 2 lbs. 0 ozs.
Frozen Foods	4 cwt. 1 qr. 1 st. 3 lbs. 0 ozs.
Meat and Offal	13 cwt. 1 qr. 0 st. 0 lbs. 8 ozs.

GRAND TOTAL: 1 ton. 19 cwt. 0 qrs. 1 st. 4 lbs. 0 ozs.

Apart from the usual number of electrical faults in refrigeration plants there was considerable damage due to flooding in a multiple store during a very severe rainstorm.

FOOD AND DRUGS ACT, 1955

(a) MILK

There are 57 registered milk dealers and 5 Dairies in the District.

Samples of milk were taken during the year from herds whose milk is retailed raw without heat treatment. These samples were examined at the Public Health Laboratory, Portsmouth, for the presence of live Tubercle Bacilli.

Number of samples taken for T.B. during 1967	93
Number of samples found to be positive	-
Number of samples found to be negative	93
Number of samples in which Brucella Abortus was isolated	-

ICE-CREAM

The number of premises registered in this district for the manufacture, storage and sale of ice-cream is 107 although there are now no actual manufacturers.

7 new registrations were made during 1967.

10 samples of ice-cream were taken for bacteriological examination, the results of which were as follows :-

Grade I	26 samples
Grade II	6 samples
Grade III	7 samples
Grade IV	1 sample

Grade I and Grade II samples being accepted as satisfactory, only the seven Grade III and one Grade IV samples of the total examined failed to satisfy the exacting tests applied.

The one Grade IV result and three of the Grade III results were from samples taken on the same day. There was some doubt that the sample jars supplied by the Laboratory were completely sterile, as one of the Grade III results was of a wrapped brick, and subsequent re-sampling produced four Grade I results from the same sources.

The other Grade III results were obtained from the same soft-ice machine in spite of a thorough check on the cleansing methods. The trouble was eventually traced to a neoprene rubber component with a roughened surface and replacement of this part resulted in improved grading.

FOOD AND DRUGS SAMPLING

The following samples of food and drugs were taken in the Cowes Urban District by the Isle of Wight County Council, who are the Food and Drugs Authority for the area :-

<u>Article sampled</u>	<u>Number of Samples</u>	
	<u>Passed</u>	<u>Failed</u>
MILK: Untreated	13	-
Pasteurised	6	-
Ultra-heat treated	3	-
Total:	22	-

<u>Samples submitted to Public Analyst</u>	<u>No.</u>
Instant Coffee	1
Long-Life Cream	1
Flour Confectionary	1
	<hr/>
Total:	3
	<hr/>

I am indebted to the Sampling Officer of the Isle of Wight County Council for these figures.

FOOD COMPLAINTS

Eight complaints of food alleged to be unfit for human consumption were received during the year.

Formal warning letters were sent in connection with two of these complaints, as follows :-

(1) Coil of metal in serving of baked beans:

In this case the warning letter resulted in replacement of an unsatisfactory can-opener by an improved appliance.

(2) Loose and excess solder in tin of grapefruit:

On investigation in country of origin, found to be the result of a mechanical fault in the can manufacturing process.

In four cases informal action satisfied the complainants; one, of fungicidal spray dried on the surface of tomatoes, after reference to the Public Analyst proved to be non-toxic and another, similarly referred to the Public Analyst produced no substantive evidence leaving one to assume that any foreign matter must have been confined to the eaten portion of the food.

One complaint, of a sealed product bought in an adjoining district, was referred to that Authority for investigation.

In the remaining case no action was taken as the complaint was found to be unjustified.

FOOD POISONING

No case of Food Poisoning was notified during the year.

SHOPS ACT, 1950

There are now 329 registered shops in this district.

63 inspections were made under the Act which included evening and Sunday observations in connection with "Closing Hours. In this particular connection the Local Authority exercise delegated powers from the Isle of Wight County Council.

On no occasion was it found necessary to serve a notice for any contravention of the Act.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Appended is an extract from the Annual Report supplied to the Minister of Labour :

Class of Premises	No. of Premises Registered during the year	No. of Registered Premises at end of year	No. of registered premises receiving a general inspection during the year	No. of persons employed
Offices	1	44	9	279
Retail Shops	3	148	19	416
Wholesale shops, Warehouses	-	8	1	34
Catering establishments open to the public, canteens	-	24	3	112
Fuel storage depots	-	3	-	6
Totals	4	227	32	847
Total number of visits by inspectors to registered premises under the Act - 97				Males: 320 Females: 527

All the four informal notices served during the year were promptly complied with.

One minor accident was reported, not necessitating formal action.

WATER SUPPLY

The mains water supply to the Cowes area is derived solely from the Isle of Wight River and Water Authority an authority upon which all local authorities on the Island are represented.

The sources of this supply remain unchanged, from the wells and boreholes in the chalk and green sand at Carisbrooke and the Bowcombe Valley, supplemented by approximately 20% per day from the local deep well at Broadfields Pumping Station. The Broadfields Reservoir, previously fed entirely from this deep well, is now supplemented by a piped supply of water from Newport.

Analyses of local water supplies show no evidence of plumbo-solvent action and no special precautions are therefore necessary. There is a natural fluoride content of rather less than .1 part per million.

There are 6,184 dwelling houses in the area with an estimated population of 18,000 all of which are supplied from the mains.

Samples for bacteriological examination are taken regularly by the staff of the Water Authority and results sent to the Public Health Department. Where considered necessary check samples are arranged or taken by the Public Health Inspectors. The source of the supplies to the sub-areas included in the following table is subject to variation. The results of the 65 samples taken were :-

	<u>Satisfactory</u>	<u>Suspicious</u>	<u>Unsatisfactory</u>	<u>TOTAL</u>
<u>West Cowes</u>				
Broadfields Well	8	-	-	8
Broadfields Reservoir	7	-	-	7
Low Level Area	18	-	-	18
Newport Direct Supply	9	-	-	9
<u>East Cowes</u>				
Newport Direct Supply	22	-	1	23

It will be seen that of the 50 samples taken from consumers' taps, one was classified as unsatisfactory but subsequent check samples all produced satisfactory results.

SWIMMING AND PADDLING POOLS

There are no swimming pools in the district open to the general public, the only open-air pool being in the grounds of a holiday camp, which is in continuous use by the camp visitors during the summer season, and is also used, by permission of the camp owners, for swimming instruction to the pupils of two local schools by the Isle of Wight Education Authority.

Five samples were taken from this pool for bacteriological examination, all of which produced satisfactory results.

There is also a children's paddling pool at this camp and another at a Caravan Camp. Both are fed from the Isle of Wight River and Water Authority mains, and are mechanically chlorinated. The eight samples taken - four from each site - all produced satisfactory results.

The indoor swimming pool at a local school functioned satisfactorily throughout the period it was used by the pupils. There was no recurrence of the troubles experienced during the previous year and it was thereafter considered unnecessary to sample the water more frequently than at monthly intervals.

Seven samples of the water were taken for bacteriological examination, all of which were returned as satisfactory.

The Local Authority have a children's paddling pool on East Cowes Esplanade in which sea water is used and is hand-chlorinated by the daily addition of an hypochlorite solution.

All eight samples of this water proved satisfactory.

It is noted that all the satisfactory samples indicated above isolated

neither coliform bacilli or foecal coli (type 1) per 100 ml.

CARAVAN SITES

There are five licensed Caravan Sites in the area, three at West Cowes and two at East Cowes. The permitted number of caravans on these sites is 175.

FACTORIES ACT, 1937

Local Authorities or "District Councils" as they are termed under the Factories Act, 1937, are responsible for administering the provisions relating to :-

- Sanitary conveniences in all types of factories;
- Cleanliness, overcrowding, temperature and ventilation in non-mechanical power factories; and
- Homework (Outworkers) - Conditions of premises in relation to health of outworkers.

A summary of the information required by the Ministry is tabulated below :-

Part I of the Act

1. Inspections for purposes of provisions as to health (including inspections made by Public Health Inspectors)

Premises	Number on Register	Number of	
		Inspections	Written Notices
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	2	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	64	24	2
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers premises)	3	-	-
TOTAL:	69	24	2

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars	Number of cases in which defects were found		Referred by H.M. Inspector
	Found	Remedied	
Want of cleanliness	-	-	-
Unreasonable temperature (S.3.)	-	-	-
Inadequate ventilation (S.4.)	-	-	-
Sanitary Conveniences (S.7.)			
(a) Insufficient	-	-	-
(b) Unsuitable or defective	1	1	1
(c) Not separate for sexes	-	-	-
Other offences against the Act (not including offences relating to Outwork)	1	1	1
 TOTAL:	2	2	2

Part VIII of the Act

Outwork (Section 110 and 111)

Number of outworkers in August list as required by Section 110(1)(c)(2)

Lampshades	74
Other class of work	9
 TOTAL:	 83



